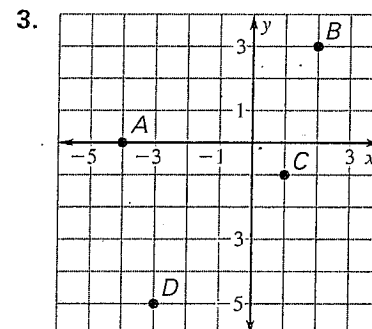
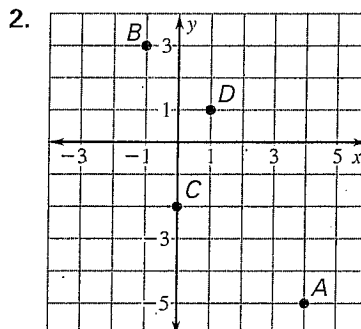
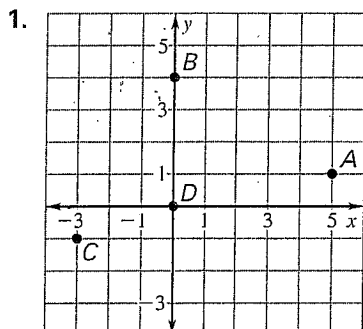


Practice B

For use with pages 203–208

Write the ordered pairs that correspond to the points labeled *A*, *B*, *C*, and *D* in the coordinate plane.



Plot and label the ordered pairs in a coordinate plane.

4. $(3, 6)$, $(-2, 5)$, $(2, 2)$

5. $(-3, -3)$, $(2, -5)$, $(1, 0)$

6. $(3, -1)$, $(-4, -1)$, $(-1, 6)$

7. $(5, 2)$, $(-5, 0)$, $(-3, 2)$

8. $(0, 3)$, $(4, -4)$, $(-2, -4)$

9. $(-1, 1)$, $(0, -1)$, $(4, 2)$

10. **Inches to Centimeters** The table shows some measurements in inches and the corresponding measurement in centimeters. Make a scatter plot of the data. Let each ordered pair have the form (i, c) .

<i>i</i>	1	5	10	15	20
<i>c</i>	2.54	12.7	25.4	38.1	50.8

11. **Quiz Grades** The following table shows various quiz grades for an algebra class and how many students received each grade. Make a scatter plot of the data. Use the horizontal axis to represent the grade.

Grade	0	1	2	3	4	5	6	7	8	9	10
Number of students	0	0	2	1	1	2	4	3	12	7	4

12. **U.S. Representatives** The 1995 population, *P* (in millions), for eight states is shown in the table below. The number of U.S. representatives, *R*, for each state is given. Make a scatter plot of the data.

State	ID	NE	AR	CT	MD	WA	MA	VA
Population, <i>P</i> (in millions)	1.2	1.6	2.5	3.3	5.0	5.4	6.1	6.6
Number of U.S. representatives, <i>R</i>	2	3	4	6	8	9	10	11

13. **Interpreting Data** In the Population vs. U.S. representatives graph you made in Exercise 12, describe the relationship between population and the number of U.S. representatives.